Identifying Tables from a Function

Name:

Solve each problem.

1) Which table of values can be defined by the function: $y = x-4$

A.

x	y
-3	-15
-1	-7
0	-3
2	5

B.

x	y
-4	-8
-2	-6
-1	-5
0	-4

C.

x	y
-3	-12
-2	-8
-1	-4
3	12

D.

x	y
-4	-13
-2	-5
-1	-1
0	3

2) Which table of values can be defined by the function: $y = 8x \times 2$

A.

x	y
-4	-12
-2	-10
0	-8
2	-6

B.

x	y
-2	-32
2	32
3	48
4	64

C.

x	y
-1	-6
1	10
3	26
4	34

D.

x	y
-1	-1
1	1
2	2
3	3

3) Which table of values can be defined by the function: $y = x+7$

A.

x	y
-3	4
1	8
2	9
4	11

B.

x	y
0	8
1	15
2	22
3	29

C.

x	y
-4	-11
-1	-8
1	-6
2	-5

D.

x	y
-2	-112
0	0
1	56
3	168

4) Which table of values can be defined by the function: $y = x \times (-8)$

A.

x	y
-3	24
-1	8
1	-8
2	-16

B.

x	y
-4	-23
-1	1
0	9
1	17

C.

x	y
0	0
1	1
2	2
3	3

D.

x	y
-2	6
-1	7
2	10
4	12

5) Which table of values can be defined by the function: $y = 9x \div 9$

A.

x	y
-1	1
0	9
2	25
4	41

B.

x	y
-2	-2
-1	-1
2	2
4	4

C.

x	y
-3	-11
-2	-10
1	-7
4	-4

D.

x	y
1	9
2	10
3	11
4	12

Math

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Name:

Solve each problem.

Answers

1) Which table of values can be defined by the function: y = x-4

A.

x	y
-3	-15
-1	-7
0	-3
2	5

B.

x	y
-4	-8
-2	-6
-1	-5
0	-4

C.

x	y
-3	-12
-2	-8
-1	-4
3	12

D.

x	y
-4	-13
-2	-5
-1	-1
0	3

1. ____**B**____

2. ____**B**____

3. ____**A**____

4. ____**A**____

5. ____**B**____

2) Which table of values can be defined by the function: y = 8x×2

A.

x	y
-4	-12
-2	-10
0	-8
2	-6

B.

x	y
-2	-32
2	32
3	48
4	64

C.

x	y
-1	-6
1	10
3	26
4	34

D.

x	y
-1	-1
1	1
2	2
3	3

3) Which table of values can be defined by the function: y = x+7

A.

x	y
-3	4
1	8
2	9
4	11

B.

x	y
0	8
1	15
2	22
3	29

C.

x	y
-4	-11
-1	-8
1	-6
2	-5

D.

x	y
-2	-112
0	0
1	56
3	168

4) Which table of values can be defined by the function: y = x×(-8)

A.

x	y
-3	24
-1	8
1	-8
2	-16

B.

x	y
-4	-23
-1	1
0	9
1	17

C.

x	y
0	0
1	1
2	2
3	3

D.

x	y
-2	6
-1	7
2	10
4	12

5) Which table of values can be defined by the function: y = 9x÷9

A.

x	y
-1	1
0	9
2	25
4	41

B.

x	y
-2	-2
-1	-1
2	2
4	4

C.

x	y
-3	-11
-2	-10
1	-7
4	-4

D.

x	y
1	9
2	10
3	11
4	12

Math

1-5 | 80 | 60 | 40 | 20 | 0